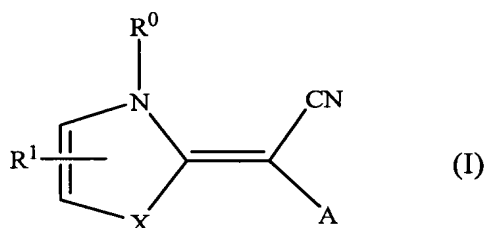


IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An azole ~~derivative~~ compound according to formula

(I),



a tautomer thereof, a geometrical isomer thereof, an optically active form thereof as an enantiomer thereof, a diastereomer thereof, a racemate form thereof, or a pharmaceutically acceptable salt thereof, wherein

X is ~~[[O,]] S or~~ NR⁰;

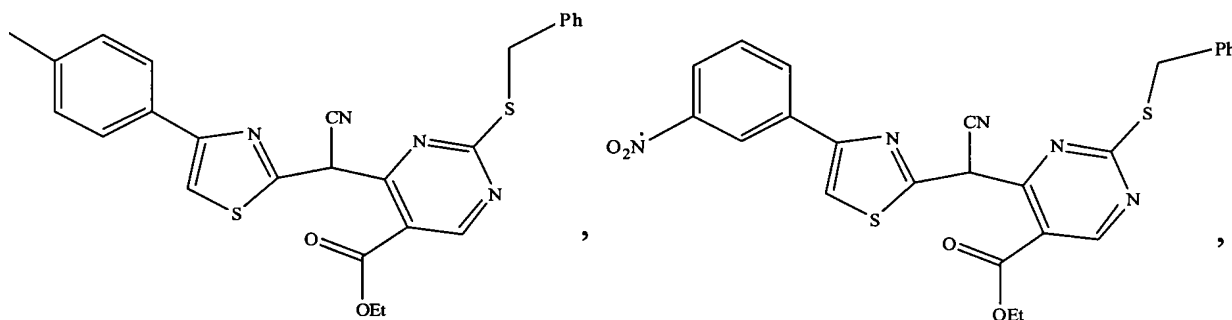
A is a ~~2-pyridyl, 3-pyridyl, 4-pyridyl, a pyridazinyl, a pyrimidinyl, a pyrazinyl or a triazinyl group wherein each group~~ which may be substituted with 1, 2 or 3 moieties R² and/or fused with an aryl or a heteroaryl group;

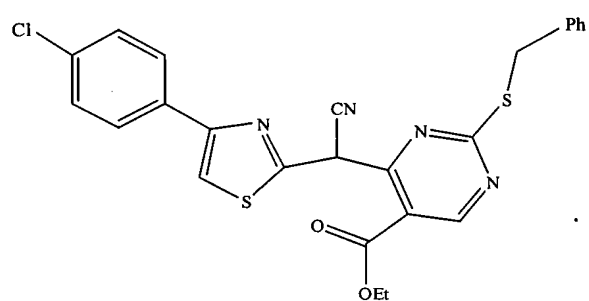
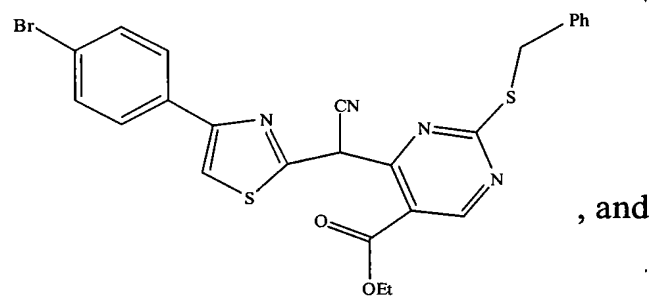
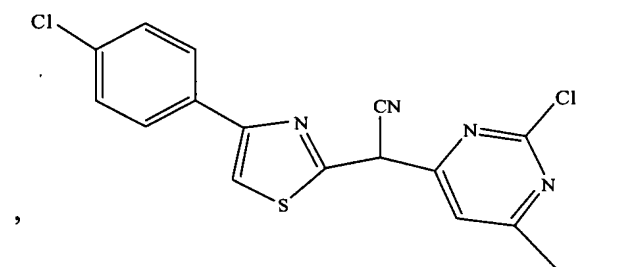
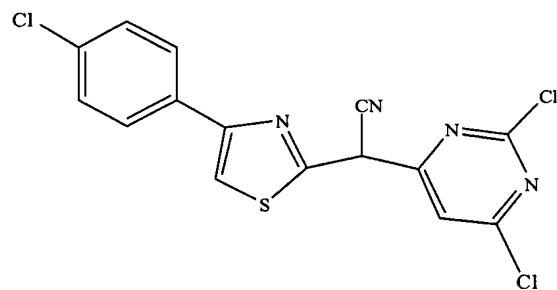
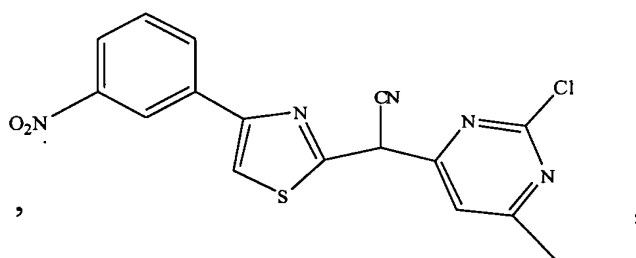
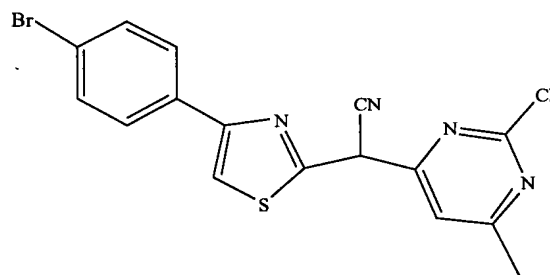
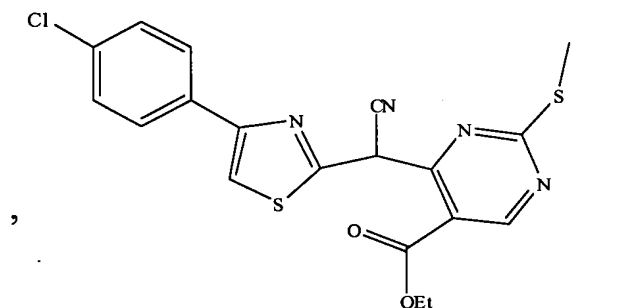
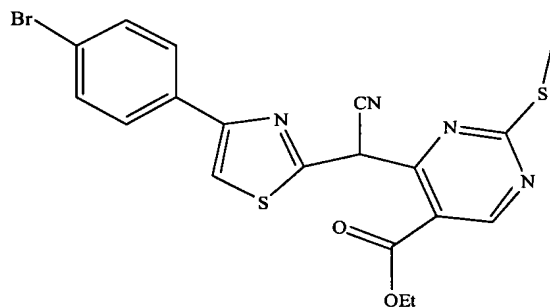
R⁰ is selected from the group consisting of hydrogen, C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₁-C₆-alkyl-aryl, aryl, heteroaryl, C₁-C₆-alkyl-heteroaryl, -C(O)-OR⁵, -C(O)-R⁵, -C(O)-NR⁵R^{5'}, and -(SO₂)R⁵, wherein R⁵ and R^{5'}, being independently selected from the group consisting of hydrogen, C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, aryl, heteroaryl, C₁-C₆-alkyl aryl, and C₁-C₆-alkyl heteroaryl;

R¹ is selected from the group consisting of hydrogen, C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₁-C₆-alkoxy, C₁-C₆-sulfanyl, primary, secondary or tertiary amino groups, aminoacyl, aminocarbonyl, C₁-C₆ alkoxycarbonyl, C₃-C₈-cycloalkyl, C₃-C₈ heterocycloalkyl, aryl, heteroaryl, carboxyl, cyano, halogen, hydroxy, nitro, ~~sulfinyl, sulfonyl,~~ sulfonamide and hydrazide;

R^2 is selected from the group consisting of hydrogen, sulfonyl, amino, C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, and C_2 - C_6 -alkynyl, wherein said alkyl, alkenyl, alkynyl chains may be interrupted by a heteroatom selected from the group consisting of N, O, S, aryl, heteroaryl, saturated or unsaturated 3-8-membered cycloalkyl, and heterocycloalkyl, wherein said cycloalkyl, heterocycloalkyl, aryl or heteroaryl groups may be fused with 1-2 further cycloalkyl, heterocycloalkyl, aryl or heteroaryl group, an acyl moiety, C_1 - C_6 -alkyl aryl, C_1 - C_6 -alkyl heteroaryl, C_1 - C_6 -alkenyl aryl, C_1 - C_6 -alkenyl heteroaryl, C_1 - C_6 -alkynyl aryl, C_1 - C_6 -alkynyl heteroaryl, C_1 - C_6 -alkyl cycloalkyl, C_1 - C_6 -alkyl heterocycloalkyl, C_1 - C_6 -alkenyl cycloalkyl, C_1 - C_6 -alkenyl heterocycloalkyl, C_1 - C_6 -alkynyl cycloalkyl, C_1 - C_6 -alkynyl heterocycloalkyl, alkoxycarbonyl, aminocarbonyl, C_1 - C_6 -alkyl carboxy, C_1 - C_6 -alkyl acyl, aryl acyl, heteroaryl acyl, C_3 - C_8 -(hetero)cycloalkyl acyl, C_1 - C_6 -alkyl acyloxy, C_1 - C_6 -alkyl alkoxy, C_1 - C_6 -alkyl alkoxycarbonyl, C_1 - C_6 -alkyl aminocarbonyl, C_1 - C_6 -alkyl acylamino, acylamino, C_1 - C_6 -alkyl ureido, C_1 - C_6 -alkyl carbamate, C_1 - C_6 -alkyl amino, C_1 - C_6 -alkyl ammonium, C_1 - C_6 -alkyl sulfonyloxy, C_1 - C_6 -alkyl sulfonyl, C_1 - C_6 -alkyl sulfinyl, C_1 - C_6 -alkyl sulfanyl, C_1 - C_6 -alkyl sulfonylamino, C_1 - C_6 -alkyl aminosulfonyl, hydroxy or halogen,

wherein the following compounds are excluded:





Claim 2 (Cancelled).

Claim 3 (Currently Amended): The azole ~~derivative~~ compound according to claim 1
 wherein R⁰ is hydrogen.

Claim 4 (Cancelled).

Claim 5 (Currently Amended): The azole ~~derivative~~ compound according to claim 1 wherein R^2 is $-NHR^4$, with R^4 being a straight or branched C_1 - C_6 alkyl which may be substituted by C_3 - C_8 -cycloalkyl, heterocycloalkyl, aryl, heteroaryl, amino, alkoxycarbonyl, acylamino, or diacylamino.

Claim 6 (Currently Amended): The azole ~~derivative~~ compound according to claim 5 wherein R^4 is a straight or branched C_2 - C_4 alkyl group substituted with a heteroaryl or heterocycloalkyl group.

Claim 7 (Currently Amended): The azole ~~derivative~~ compound according to claim 6 wherein said heteroaryl or heterocycloalkyl group is selected from the group consisting of a pyridyl, triazolyl and 2-pyrrolidinone.

Claim 8 (Currently Amended): The azole ~~derivative~~ compound according to claim 1 wherein R^1 is $(C_3$ - $C_8)$ -cycloalkyl, $(C_3$ - $C_8)$ -heterocycloalkyl, aryl or heteroaryl group which may be substituted with at least one moiety selected from the group consisting of C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_1 - C_6 -alkoxy, C_1 - C_6 -sulfanyl, primary, secondary or tertiary amino groups, acylamino, aminocarbonyl, C_1 - C_6 alkoxycarbonyl, C_3 - C_8 heterocycloalkyl, aryl, heteroaryl, carboxy, cyano, halogen, hydroxy, nitro, sulfinyl, sulfonyl, sulfonamide and hydrazide.

Claim 9 (Currently Amended): The azole ~~derivative~~ compound according to claim 8 wherein R¹ is a phenyl or phenyl which is substituted by straight or branched C₁-C₆ alkyl or halogen or R¹ is a straight or branched C₁-C₆ alkyl.

Claim 10 (Currently Amended): The azole ~~derivative~~ compound according to claim 1 wherein R¹ is (C₃-C₈)-cycloalkyl, (C₃-C₈)-heterocycloalkyl, aryl or heteroaryl group which may be substituted with at least one moiety selected from the group consisting of C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₁-C₆-alkoxy, C₁-C₆-sulfanyl, primary, secondary or tertiary amino groups, aminoacyl, aminocarbonyl, C₁-C₆ alkoxycarbonyl, C₃-C₈-cycloalkyl, C₃-C₈ heterocycloalkyl, aryl, heteroaryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfinyl, sulfonyl, sulfonamide and hydrazide, A is a pyrimidinyl group ~~which may be~~ substituted by halogen or -NHR⁴ with R⁴ being a straight or branched C₁-C₆ alkyl in which said alkyl is substituted with C₃-C₈-cycloalkyl, heterocycloalkyl, aryl or heteroaryl straight or branched C₁-C₆ alkyl group substituted with a heteroaryl group and R⁰ is hydrogen.

Claim 11 (Currently Amended): The azole ~~derivative~~ compound according to claim 10 wherein R¹ is a phenyl group which may be substituted with straight or branched C₁-C₆ alkyl or halogen, X is S, A is a pyrimidinyl group ~~which may be~~ substituted by -NHR⁴ with R⁴ being a straight or branched C₂-C₄ alkyl wherein said alkyl is substituted with a pyridyl group and R⁰ is hydrogen.

Claim 12 (Currently Amended): An azole ~~derivative~~ compound according to claim 1, selected from the group consisting of

(2-chloropyrimidin-4-yl)-(4-ethyl-3H-thiazol-2ylidene)-acetonitrile,

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-chloropyrimidin-4-yl)acetonitrile,

(2-chloropyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,
(2-chloropyrimidin-4-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,
(2-chloropyrimidin-4-yl)[4-(4-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile
ethyl-2-[(2-chloropyrimidin-4-yl)(cyano)methylene]-2,3-dihydro-1,3-thiazole-4-
carboxylate,

methyl-2-[(2-chloropyrimidin-4-yl)(cyano)methylene]-2,3-dihydro-1,3-thiazole-4-
carboxylate,

(2-chloropyrimidin-4-yl)[4-(3-methoxyphenyl)-1,3-thiazol-2-yl]acetonitrile,
(2-chloropyrimidin-4-yl)[4-(2-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,
(2-chloropyrimidin-4-yl)[4-(4-fluorophenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,
(2-chloro-5-methylpyrimidin-4-yl)(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,
(2-chloropyrimidin-4-yl)[4-(3,4-dichlorophenyl)-1,3-thiazol-2(3H)-

ylidene]acetonitrile,

(2-chloropyrimidin-4-yl)[4-(4-methylphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,
(4-[[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-2-yl)(4-phenyl-1,3-thiazol-

2(3H)-ylidene)acetonitrile,

4-{2-[(2-chloropyrimidin-4-yl)(cyano)methylene]-2,3-dihydro-1,3-thiazol-4-
yl}benzonitrile,

[4-(2-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-chloropyrimidin-4-yl)acetonitrile,
[4-(3-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-chloropyrimidin-4-yl)acetonitrile,
(2-chloropyrimidin-4-yl)[4-(4-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,
(2-chloropyrimidin-4-yl)[4-(pentafluoroethyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,
(2-chloro-5-methylpyrimidin-4-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,
(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(2-chloro-5-methylpyrimidin-4-yl)acetonitrile,
(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(2-chloropyrimidin-4-yl)acetonitrile,

(2-chloropyrimidin-4-yl)(4-isopropyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(2-chloro-5-methylpyrimidin-4-yl)[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,

~~(4-chloro-6-morpholin-4-yl-1,3,5-triazin-2-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~[4-chloro-6-(dimethylamino)-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~[4-chloro-6-(methylamino)-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

(2-chloro-6-methylpyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(2-chloro-5-methylpyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(6-chloropyrimidin-4-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

~~[4-chloro-6-(methylamino)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

(2-chloro-6-methylpyrimidin-4-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-chloro-6-[methyl(phenyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

~~(4-chloro-6-morpholin-4-yl-1,3,5-triazin-2-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

(4-ethyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

(4-phenyl-1,3-thiazol-2(3H)-ylidene){2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

{2-[(3-aminopropyl)amino]pyrimidin-4-yl}(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(2-{[2-(6-aminopyridin-3-yl)ethyl]amino}pyrimidin-4-yl)(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-[(3-aminopropyl)amino]pyrimidin-4-yl}(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-[(3-aminopropyl)amino]pyrimidin-4-yl}(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

ethyl-2-[cyano(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)methylene]-2,3-dihydro-1,3-thiazole-4-carboxylate,

(4-methyl-1,3-thiazol-2(3H)-ylidene){2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

4-(4-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

2-[cyano(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)methylene]-2,3-dihydro-1,3-thiazole-4-carboxylic acid,

methyl-2-[cyano(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)methylene]-2,3-dihydro-1,3-thiazole-4-carboxylate,

methyl-2-(cyano{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl)methylene)-2,3-dihydro-1,3-thiazole-4-carboxylate,

[2-(cyclopropylamino)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

4-[2-({4-[cyano(4-methyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl}amino)ethyl]benzenesulfonamide,

[4-(pentafluoroethyl)-1,3-thiazol-2(3H)-ylidene] {2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl} acetonitrile,

[2-(cyclopropylamino)pyrimidin-4-yl][4-(pentafluoroethyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,

(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(4-ethyl-1,3-thiazol-2(3H)-ylidene) {2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl} acetonitrile,

[4-(3-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene] {2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl} acetonitrile,

[4-(3-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

methyl 4-[2-({4-[cyano(4-ethyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl} amino)ethyl]benzoate,

6-{[2-({4-[cyano(4-ethyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl} amino)ethyl]amino} nicotinonitrile,

[2-({2-[6-(dimethylamino)pyridin-3-yl]ethyl} amino)pyrimidin-4-yl](4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

4-[2-({4-[cyano(4-ethyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl} amino)ethyl]benzenesulfonamide,

(2-{[2-(4-aminophenyl)ethyl]amino}pyrimidin-4-yl)(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(4-ethyl-1,3-thiazol-2(3H)-ylidene)(2-{[2-(6-morpholin-4-ylpyridin-3-yl)ethyl]amino}pyrimidin-4-yl)acetonitrile,

(4-ethyl-1,3-thiazol-2(3H)-ylidene)[2-(2-[6-(4-methylpiperazin-1-yl)pyridin-3-yl]ethyl)amino]pyrimidin-4-yl]acetonitrile,

[2-(cyclopropylamino)pyrimidin-4-yl](4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[4-(2-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

[4-(2-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

[4-(4-fluorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

[4-(4-fluorophenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

(4-ethyl-1,3-thiazol-2(3H)-ylidene){5-methyl-2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

(4-ethyl-1,3-thiazol-2(3H)-ylidene)(5-methyl-2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

[2-(cyclopropylamino)-5-methylpyrimidin-4-yl](4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(4-ethyl-1,3-thiazol-2(3H)-ylidene){2-[(3-pyrrolidin-1-ylpropyl)amino]pyrimidin-4-yl}acetonitrile,

[2-(2-[(5-nitropyridin-2-yl)amino]ethyl)amino]pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

6-{[2-({4-[cyano(4-phenyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl}amino)ethyl]amino}nicotinonitrile,

tert-butyl 4-({4-[cyano(4-phenyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl}amino)butanoate,

[4-(4-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

(4-methyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene){2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)[2-(cyclohexylamino)pyrimidin-4-yl]acetonitrile,

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)[2-(cyclopropylamino)pyrimidin-4-yl]acetonitrile,

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene][2-(cyclopropylamino)pyrimidin-4-yl]acetonitrile,

[4-(3,4-dichlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

[4-(3,4-dichlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

[2-(cyclopropylamino)pyrimidin-4-yl][4-(3,4-dichlorophenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,

[4-(4-methylphenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

[4-(4-methylphenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

[2-(cyclopropylamino)pyrimidin-4-yl][4-(4-methylphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,

{2-[(3-aminopropyl)amino]pyrimidin-4-yl}(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-[(2-aminoethyl)amino]pyrimidin-4-yl}(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-[(piperidin-4-yl)amino]pyrimidin-4-yl}(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

methyl N-{4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}-beta-alaninate,

(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)[4-(pentafluoroethyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,

{5-methyl-2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(5-methyl-2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[2-(cyclopropylamino)-5-methylpyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene){5-methyl-2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(5-methyl-2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)[2-(cyclopropylamino)-5-methylpyrimidin-4-yl]acetonitrile,

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(5-methyl-2-{[3-(1H-1,2,4-triazol-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

N-[3-(4-{(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl}pyrimidin-2-yl)amino)propyl]-2-ethoxy-N-glycoloylacetamide,

N-[3-(4-[cyano(4-isopropyl 1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl)amino)propyl]-2-ethoxy-N-glycoloylacetamide,

[2-(cyclohexylamino)pyrimidin-4-yl](4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[2-(cyclopentylamino)pyrimidin-4-yl](4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(4-ethyl-1,3-thiazol-2(3H)-ylidene)[2-(isobutylamino)pyrimidin-4-yl]acetonitrile,

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(1H-1,2,4-triazol-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

(4-isopropyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

(4-isopropyl-1,3-thiazol-2(3H)-ylidene){2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

[2-(cyclopropylamino)pyrimidin-4-yl](4-isopropyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

methyl 4-({4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}amino)butanoate,

4-{2-[cyano(2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)methylene]-2,3-dihydro-1,3-thiazol-4-yl}benzonitrile,

4-[2-(cyano{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}methylene)-2,3-dihydro-1,3-thiazol-4-yl]benzonitrile,

4-(2-{cyano[2-(cyclopropylamino)pyrimidin-4-yl]methylene}-2,3-dihydro-1,3-thiazol-4-yl)benzonitrile,

[4-(2-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

[4-(3-chlorophenyl)-1,3-thiazol-2(3H)-ylidene](2-{[3-(2-oxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

[4-(3-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

[4-(2-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}acetonitrile,

[2-(cyclopropylamino)pyrimidin-4-yl][4-(4-methoxyphenyl)-1,3-thiazol-2(3H)-ylidene]acetonitrile,

[4-(2-chlorophenyl)-1,3-thiazol-2(3H)-ylidene][2-(cyclopropylamino)pyrimidin-4-yl]acetonitrile,

N-[3-({4-[cyano(4-ethyl-1,3-thiazol-2(3H)-ylidene)methyl]pyrimidin-2-yl}amino)propyl]acetamide,

N-[2-({4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}amino)ethyl]acetamide,

{2-[(1-acetylpiperidin-4-yl)amino]pyrimidin-4-yl}(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(2,5-dioxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)acetonitrile,

(2-{[3-(2,5-dioxopyrrolidin-1-yl)propyl]amino}pyrimidin-4-yl)(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(4-ethyl-1,3-thiazol-2(3H)-ylidene)(2-{{1-(methylsulfonyl)piperidin-4-yl}amino}pyrimidin-4-yl)acetonitrile trifluoroacetate,

N~3~-{4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}-N~1~,N~1~-dimethyl-beta-alaninamide,

N-{3-[[4-[(4-tert-butyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}(methyl)amino]propyl}acetamide,

N-[3-({4-[(4-tert-butyl-3-methyl-1,3-thiazol-2(3H)-ylidene)(cyano)methyl]pyrimidin-2-yl}amino)propyl]acetamide,

(4-ethyl-1,3-thiazol-2(3H)-ylidene)(2-{{4-(morpholin-4-ylmethyl)benzyl}oxy}pyrimidin-4-yl)acetonitrile,

{2-[3-(dimethylamino)propoxy]pyrimidin-4-yl}(4-ethyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{5-methyl-2-[(3-pyrrolidin-1-ylpropyl)amino]pyrimidin-4-yl}acetonitrile,

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(3-pyrrolidin-1-ylpropyl)amino]pyrimidin-4-yl}acetonitrile,

~~[4-(dimethylamino)-6-(octahydroquinolin-1(2H)-yl)-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

[2-(cyclohexylamino)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[2-(cyclohexylamino)pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

~~[4-(methylamino)-6-(4-methylpiperidin-1-yl)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~[4-(cyclohexylamino)-6-(methylamino)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

[5-methyl-2-(4-methylpiperidin-1-yl)pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[2-(cyclopropylamino)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[2-(cyclopropylamino)pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[2-(cyclopentylamino)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{5-methyl-2-[(1-methylbutyl)amino]pyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[2-(cyclopentylamino)pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{5-methyl-2-[(3-pyrrolidin-1-ylpropyl)amino]pyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-[(1-methylbutyl)amino]pyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{6-[(2-furylmethyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[6-(4-ethylpiperazin-1-yl)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(4-phenyl-1,3-thiazol-2(3H)-ylidene){2-[(3-pyrrolidin-1-ylpropyl)amino]pyrimidin-4-yl}acetonitrile,

[2-(cyclopentylamino)-6-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

~~[4-(4-ethylpiperazin-1-yl)-6-morpholin-4-yl-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~{2-[(cyclohexylmethyl)amino]pyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~{2-[(cyclohexylmethyl)amino]-5-methylpyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~[2-(4-ethylpiperazin-1-yl)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~[4-(cyclopentylamino)-6-(methylamino)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~[4-(cyclopropylamino)-6-morpholin-4-yl-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~[4-(cyclopropylamino)-6-(methylamino)-1,3,5-triazin-2-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~[4-(cyclopropylamino)-6-(methylamino)-1,3,5-triazin-2-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~[2-(1,4-dioxo-8-azaspiro[4.5]dec-8-yl)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~(5-methyl-2-{[3-(1H-1,2,4-triazol-1-yl)propyl]amino}pyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~{2-[(1,4-dimethylpentyl)amino]-5-methylpyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

~~(5-methyl-2-{[2-(1H-pyrazol-1-yl)ethyl]amino}pyrimidin-4-yl)(4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

(4-phenyl-1,3-thiazol-2(3H)-ylidene)(2-{[3-(1H-1,2,4-triazol-1-yl)propyl]amino}
pyrimidin-4-yl)acetonitrile,

(4-phenyl-1,3-thiazol-2(3H)-ylidene)(2-{[2-(1H-pyrazol-1-
yl)ethyl]amino}pyrimidin-4-yl)acetonitrile,

[2-(dipropylamino)-5-methylpyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-
ylidene)acetonitrile,

{2-[(1,4-dimethylpentyl)amino]pyrimidin-4-yl}(4-phenyl-1,3-thiazol-2(3H)-
ylidene)acetonitrile,

[2-(methylamino)pyrimidin-4-yl](4-phenyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

~~[4-[(1,4-dimethylpentyl)amino]-6-(methylamino)-1,3,5-triazin-2-yl](4-phenyl-1,3-~~
~~thiazol-2(3H)-ylidene)acetonitrile,~~

~~[4-[[6-aminopyridin-3-yl)methyl]amino]-6-(methylamino)-1,3,5-triazin-2-yl](4-~~
~~methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

[2-(methylamino)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[2-(cyclopentylamino)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-
ylidene)acetonitrile,

[2-(cyclohexylamino)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-[(1-methylbutyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-
ylidene)acetonitrile,

[2-(cyclopentylamino)-6-methylpyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-
ylidene)acetonitrile,

{2-[(cyclohexylmethyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-
ylidene)acetonitrile,

{6-[methyl(phenyl)amino]-2-[(2-pyridin-3-ylethyl)amino]pyrimidin-4-yl}(4-methyl-
1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-[(2,3-dimethylcyclohexyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(4-methyl-1,3-thiazol-2(3H)-ylidene){2-[(pyridin-3-ylmethyl)amino]pyrimidin-4-yl}acetonitrile,

{6-methyl-2-[(2-pyridin-2-ylethyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[2-(isopropylamino)pyrimidin-4-yl](4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-[(1,2-dimethylpropyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

(4-methyl-1,3-thiazol-2(3H)-ylidene){2-[4-(pyrimidin-2-ylamino)piperidin-1-yl]pyrimidin-4-yl}acetonitrile,

{2-[(1-ethylpropyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-[(3-butoxypropyl)amino]-6-[methyl(phenyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

~~{4-[(3-butoxypropyl)amino]-6-morpholin-4-yl-1,3,5-triazin-2-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,~~

{2-(isopropylamino)-6-[methyl(phenyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

{2-[(3-isopropoxypropyl)amino]pyrimidin-4-yl}(4-methyl-1,3-thiazol-2(3H)-ylidene)acetonitrile,

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene][2-(cyclopropylamino)pyrimidin-4-yl]acetonitrile,

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene][2-(cyclopentylamino)pyrimidin-4-yl]acetonitrile, and

[4-(4-chlorophenyl)-1,3-thiazol-2(3H)-ylidene]{2-[(cyclohexylmethyl)amino]-5-yl]acetonitrile.

Claim 13 (Cancelled).

Claim 14 (Currently Amended): A method for treating ~~at least one disease selected from the group consisting of neurodegenerative diseases, neuronal disorders, epilepsy, Alzheimer's disease, Parkinson's disease, retinal diseases, spinal cord injury, head trauma, mood disorders, multiple sclerosis or amyotrophic lateral sclerosis, diabetes~~[[,]] or obesity, asthma, septic shock, transplant rejection, cerebrovascular accident, glaucoma, cardiovascular diseases, stroke, arteriosclerosis, myocardial infarction, myocardial reperfusion injury, ischemic disorders, cancer and inflammatory diseases, arteriosclerosis, arthritis, Inflammatory Bowel Disease and rheumatoid arthritis, said method comprising administering said azole derivative compound according to claim 1 to a patient in need thereof in an amount sufficient to treat diabetes or obesity in the patient ~~said at least one disease~~.

Claim 15 (Cancelled).

Claim 16 (Currently Amended): The method according to claim 14 wherein ~~said at least one disease is diabetes, or obesity~~ is treated.

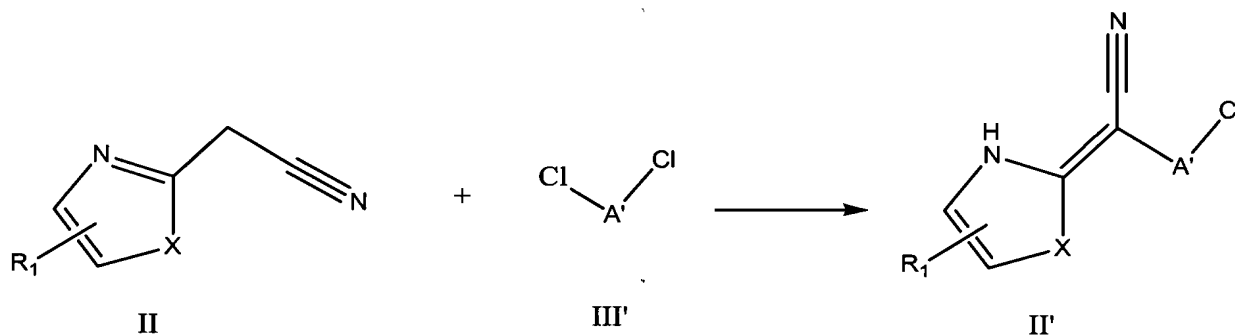
Claim 17 (Currently Amended): The method according to claim 14 wherein ~~said at least one disease is~~ diabetes is treated ~~selected from the group consisting of asthma, septic shock, transplant rejection, cerebrovascular accident, glaucoma, cardiovascular diseases, stroke, arteriosclerosis, myocardial infarction, myocardial reperfusion injury, ischemia,~~

Claim 22 (Currently Amended): A pharmaceutical composition comprising at least one azole ~~derivative~~ compound according to claim 1 and a pharmaceutically acceptable carrier, diluent or excipient.

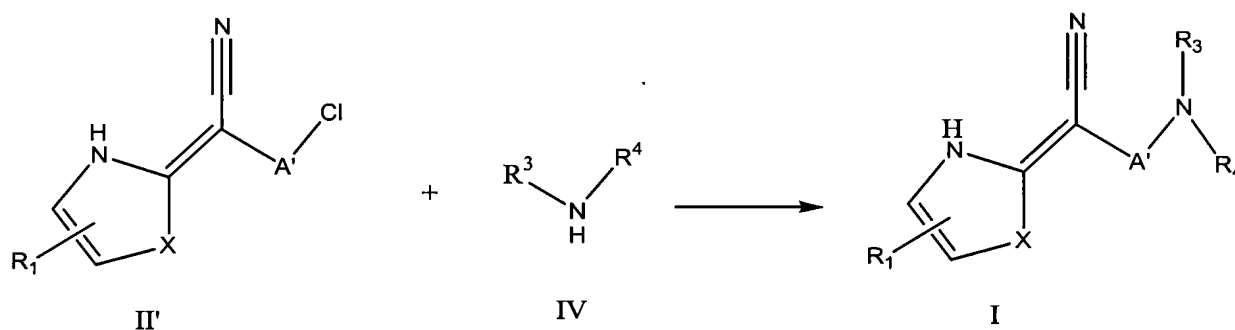
The reaction scheme illustrates the synthesis of compound I from compound II and compound III. Compound II is a 2-cyanoethyl-substituted heterocycle, where the heterocycle has a nitrogen atom at position 1, a substituent R₁ at position 3, and a substituent X at position 4. The 2-position of the heterocycle is attached to a -CH₂-C≡N group. Compound III is a reagent consisting of a chlorine atom bonded to a group A (Cl-A). The reaction arrow points to compound I, which is a 2-cyano-substituted heterocycle. In compound I, the heterocycle has a nitrogen atom at position 1, a substituent R₁ at position 3, and a substituent X at position 4. The 2-position of the heterocycle is attached to a -C≡N group, and the group A is attached to the carbon of the cyano group.

Claim 24 (Currently Amended): A method of preparing the azole derivative according to claim 1, comprising

reacting the compound of formula II with the compound of formula III' to obtain a compound of formula II'; and



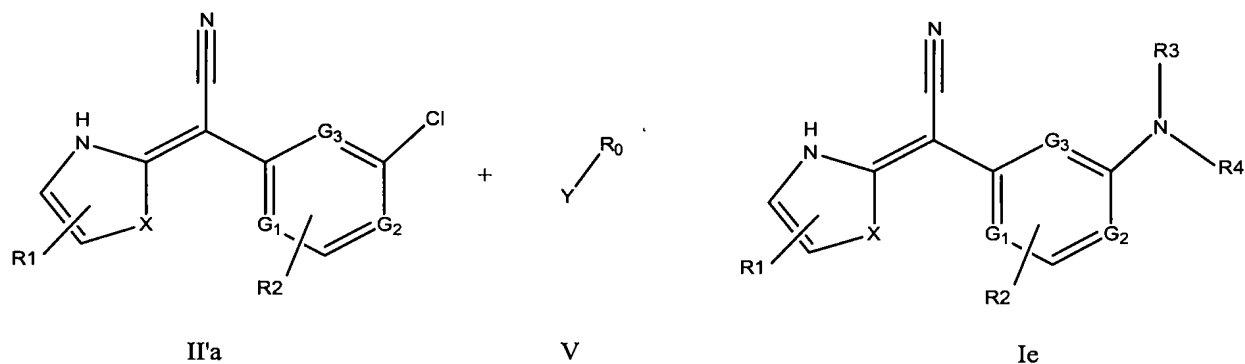
reacting the compound of formula II' with the compound of formula IV;



[A' = A'a, A'b, A'c, A'd]

wherein A is a pyrimidinyl group wherein X, A, and R₁ have the same meanings as in claim 1.

Claim 25 (Currently Amended): A method of preparing the azole derivative compound according to claim 1, comprising reacting a compound of formula II'a with a compound of formula V:



~~wherein A is a pyrimidinyl group, wherein X, A, and R₁ have the same meanings as in~~
claim 1 and Y is an electrophile group.

Claim 26 (Previously Presented): The method according to Claim 16, ~~wherein said at~~
~~least one disease is diabetes~~ is treated, which ~~and~~ is type II diabetes.